

SYNCHRONOUS SWITCH AND METHOD FOR A TELECOMMUNICATIONS  
NODE

5      ABSTRACT OF THE DISCLOSURE

10      A synchronous switch for a telecommunications node  
includes a switch interface, a switch controller, and a  
switch memory. The switch interface is operable to  
terminate a bus and to receive from the bus a frame having  
a plurality of time slots. The time slots are each  
operable to transport a traffic cell. The switch  
controller is operable to determine a type for each traffic  
cell received at the switch interface and to determine  
based on the type for a traffic cell an address for storing  
15      the traffic cell in the switch memory. The switch memory  
is operable to receive the traffic cell from the switch  
interface and the address for storing the traffic cell from  
the switch controller and to store the traffic cell at the  
address.

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